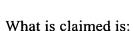
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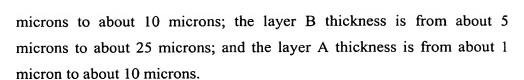


A thermoplastic multi-layer film for forming hermetic seals on packages comprising:

- (a) layer B comprising polypropylene and a softening additive;
- (b) layer C comprising a copolymer.
- 5 2. The film of claim 1, wherein the copolymer of layer C is selected from the group consisting of ethylene-propylene copolymer, ethylene-propylene-butene-1 terpolymer, propylene-butene copolymer, and mixtures thereof.
 - 3. The film of claim 1 further comprising layer A comprising a material selected from the group consisting of high density polyethylene, medium density polyethylene, and mixtures thereof.
 - 4. The film of claim 1 wherein the softening additive in layer B comprises a material selected from the group consisting of ethylene-propylene copolymers, terpolymers, thermoplastic hydrocarbons, hydrocarbon resins, and cyclopentadiene hydrocarbon.
- 15 5. The film of claim 1 wherein the softening additive in layer B comprises a hydrocarbon resin.
 - 6. The film of claim 1 wherein the softening additive in layer B comprises cyclopentadiene hydrocarbon.
- 7. The film of claim 1 wherein the softening additive in layer B comprises from about 2% to about 15% by weight of layer B.
 - 8. The film of claim 5 wherein the softening additive in layer B comprises from about 2% to about 15% by weight of layer B.
 - 9. The film of claim 6 wherein the softening additive in layer B comprises from about 2% to about 15% by weight of layer B.
- 25 10. The film of claim 1, wherein the layer C thickness is from about 5 microns to about 10 microns.
 - 11. The film of claim 1, wherein the thickness of the film is from about 17 microns to about 31 microns.
- 12. The film of claim 3, wherein the thickness of the film is from about 17 microns to about 31 microns; the layer C thickness is from about 5

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- 13. The film of claim 1, wherein the film is biaxially oriented.
- 5 14. The film of claim 1, wherein the film is uniaxially oriented.
 - 15. The film of claim 1, wherein the film is hermetically sealable in a machine for making packaging bags with a combination of a fin seal and crimp seals or a combination of a lap seal and crimp seals.
 - 16. The film of claim 3, wherein the layer A is metallized.
- 10 17. The film of claim 3, wherein the layer A comprises high density polyethylene.
 - 18. The film of claim 3, wherein the layer A comprises medium density polyethylene.
 - 19. The film of claim 3 further comprising a coating applied to the layer A.
- 15 20. A thermoplastic multi-layer film for forming hermetic seals on packages comprising:
 - (a) layer B comprising polypropylene and a softening additive wherein layer B has a first side and a second side;
- (b) layer C comprising a copolymer wherein layer C has a first side 20 and a second side, wherein the first side of layer C is adjacent to the second side of layer B.
 - 21. The film of claim 20 further comprising layer A comprising a material selected from the group consisting of high density polyethylene, medium density polyethylene, and mixtures thereof wherein layer A has a first side and a second side wherein the second side of layer A is adjacent to the first side of layer B.
 - A method of producing a thermoplastic multi-layer film comprising the steps of:
 - (a) coextruding a first layer comprising; a second layer comprising polypropylene and a softening; and a third layer comprising a copolymer;



- (b) orienting the film in the machine direction at an elevated temperature.
- 23. The method of claim 22 further comprising the step of orienting said film in the transverse direction at an elevated temperature.
- 5 24. The method of claim 22 further comprising the step of corona said third layer.
 - 25. The method of claim 22 further comprising the step of flame treating said third layer.
- The method of claim 22 further comprising the step of plasma treating saidthird layer.
 - 27. The method of claim 22 further comprising the step of priming said third layer.
 - 28. The method of claim 22 wherein the film produced has a MST below 170 degrees fahrenheit.
- 15 29. The film of claim 1 wherein the film has a MST below 170 degrees fahrenheit.